Mountain Weather Forecast

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 00:00 on Monday 31 Jan 2022 until 23:59 on Tuesday 01 Feb 2022

Forecast Issued on Sunday 30 Jan 2022 at 14:26 by Met Office Aberdeen

Confidence: High confidence for a windy spell on the hills, but quite a mixed week with periods of cold weather followed by milder spells, tending towards wintry conditions by the end of the week. Low confidence in timings of bands of rain on Tuesday and Wednesday.

Headline for Monday 31 Jan 2022: Northwesterly gales gradually easing, severe wind chill and a few snow showers.

Mountain weather hazards on Monday 31 Jan 2022

Blizzards
Low Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
High Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow showers (night)	Light snow showers (night)	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Light snow
Precipitation probability							
50%	50%	50%	30%	30%	30%	30%	60%

Forecast for Monday 31 Jan 2022

Weather: Northwesterly severe gales and outbreaks of heavy snow will continue overnight with blizzard conditions at times, severe wind chill also expected. Winds will gradually ease but remaining gale force for most of the morning with scattered snow showers to all levels. Showers will be more frequent for ranges in the west and most of the Aberdeenshire and Angus Glen hills mostly dry with some bright or sunny spells. Showers will die out in the afternoon with some brightness for ranges in the east, remaining cloudy in the west. By late evening another area of snow will move towards the western hills.

Chance of cloud-free hill tops above 800m: 80% in the east, 60% in the west with cloud forming in association with showers.

Low Cloud and visibility: Scattered cloud above 500m will affect the hills, becoming more broken around showers around Loch Tay and GlenLyon. Further east the Loch Muick hills and Angus Glens will just see patches of lower cloud around 6-700m at times. Visibility outwith showers will be generally good but turning poor or very poor temporarily in snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 31 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	60/76 NW	57/71 NW	49/62 NW	33/45 W	38/50 NW	32/42 W	29/37 W	41/52 SW	48/63 W
900	43/59 NW	40/54 NW	34/48 NW	25/37 W	30/42 NW	23/33 W	20/29 W	28/39 SW	33/48 W
600	32/55 NW	29/49 NW	24/43 NW	17/29 W	20/34 NW	15/28 W	13/25 W	17/32 SW	24/43 W
300	28/56 NW	22/46 NW	20/42 NW	11/30 NW	10/22 W	9/21 W	9/21 W	9/22 SW	17/37 W
Glen	26/55 NW	20/44 NW	15/34 NW	11/27 NW	13/26 W	10/22 W	7/17 W	8/20 SW	12/28 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-4/-17	-7/-21	-7/-20	-7/-17	-6/-16	-5/-14	-4/-12	-2/-12	0/-8
900	-2/-13	-5/-16	-5/-16	-5/-14	-4/-13	-3/-10	-2/-9	-1/-8	2/-5
600	-0/-9	-3/-12	-3/-11	-2/-9	-1/-8	-0/-6	0/-5	1/-4	4/-2
300	2/-5	0/-7	-0/-7	0/-4	2/-2	2/-1	2/-1	3/-0	6/1
Glen	3/-4	1/-5	1/-5	1/-3	3/-2	3/-0	3/0	4/1	6/3
Freezing Level*	500m	100m	100m	100m	300m	400m	600m	900m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View
Severe wind chill in northwesterly gales, very unpleasant and difficult walking conditions and quite disorientating in heavier showers.

Forecast for Tuesday 01 Feb 2022
Weather: Mild initially but soon turning cold again later on Tuesday, early rain clearing south. Stronger northwesterly winds, gales likely, will develop again with the odd blustery snow shower reaching the western ranges. Some brighter weather for most areas for a time and eastern ranges for much of the day.

Maximum wind: Northwesterly 40mph with gusts 55-60mph.

Chance of cloud-free hill tops above 800m: 80%, tops generally clear in the fresh northwesterly airstream but some lower cloud around showers at times.

Low Cloud and visibility: Patches or scattered cloud around 600m around showers but generally good or very good visibility throughout the day.

Temperature: **Glens:** Minus 1 Celsius rising to Plus 5 Celsius falling to 1 Celsius later.
At 800m: Plus 4 Celsius falling to Minus 2 Celsius.
Freezing level: Above the summits falling to 600m

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